



Additional file 2: Figure S2. Experimental design used in this study for Field Experiments

(a) Timeline for the experiment in AMF-inoculated and non-inoculated rice plants used in this study to analyze productivity in the field under natural conditions

(b) Experimental design in the field. Three plots (1-3, surrounded with red line) were included for *Rizhophagus irregularis*-inoculated (colored in green) and non-inoculated (colored in black) Loto and Gines rice plants grown in paddy fields (blue-shaded squares). Commercial rice varieties were grown surrounding our experimental plots. An amplification of the experimental area for *R. irregularis*- and non-inoculated rice plants is shown. In all cases, non-inoculated and *R. irregularis*-inoculated plants were planted at a distance of 3 meters. 12 plants /condition/plot were analyzed (n=36 in total).